

**Claims:**

1. Elliptical-rotary motor with internal combustion, indicated so, consists of stator (1) within which rotates rotor (2) together with work cylinder (3) and piston (6) which is by rod (7) via rocker (8) connected to rotor (2).
2. Elliptical-rotary motor with internal combustion as per Claim 1, indicated so, that rocker (8) is, via larger pin (9) connected with rod (7), and via smaller pin (10) which is placed in opening (23) is connected with rotor (2).
3. Elliptical-rotary motor with internal combustion as per Claim 2, indicated so, that rocker (8) is, via larger pin (9) connected with rod (7) and via smaller pin (10) which is placed in opening (25) is connected with rotor (2).
4. Elliptical-rotary motor with internal combustion, as per Claim 1, indicated so, that satellite gears (12) are via larger pin (9) symmetrically geared to off-center mounted inner-tooth gear (11) in the ratio  $i=2$ .
5. Elliptical-rotary motor with internal combustion as per Claim 1, indicated so, that inner-tooth gears (11) are of off-center mounted relative to rotation axis and placed between stator (1) and deck-lids (18).
6. Elliptical-rotary motor with internal combustion, as per Claim 5, indicated so, that inner-tooth gears (11) off-center mounted relative to rotation axis, are placed in deck-lids (18).
7. Elliptical-rotary motor with internal combustion as per Claim 5, indicated so, that inner-tooth gears (11) off-center mounted relative to rotation axis, are located in stator (1).
8. Elliptical-rotary motor with internal combustion as per Claim 1, indicated so, that in deck-lid (18) off-center mounted roller bearings (13) carry satellite gears (12).

9. Elliptical – rotary motor with internal combustion as per Claim 1, indicated so, that in stator (1) are placed ports (19) for regulating vacuum in intake stroke, ports (24) for flushing and cooling of piston forehead (6), opening for sparkplug (14), intake port for intake of fresh mixture (15), exhaust port for elimination of combustion products (16), and opening for cooling (21).

10. Elliptical-rotary motor with internal combustion as per Claim 9, indicated so, that in stator (1) is port (14) for injection of fuel into work cylinder (3).

11. Elliptical-rotary motor with internal combustion as per Claim 1, indicated so, that  $n$  connected elliptical-rotary motors in rotation axis and phase off-set by the angle of  $360/n$ , constitute one integral whole.